

CLAIMS:

What is claimed is:

1. An optical tool comprising:

a tool body which is transparent to light;

5 a first plurality of sets of opaque, substantially parallel lines on the body, forming a first outline;

a second plurality of sets of opaque, substantially parallel lines on the body, forming a second outline;

relative movement between images formed by the first and second outlines on an object

10 being provided upon relative movement between the object and a lens through which images are formed upon the object;

further comprising first and second regions of the tool body in side-by-side relation between an adjacent pair of lines, the first region providing transmission of light therethrough at a first phase, the second region providing transmission of light therethrough at a second phase

15 different from the first phase.

2. The optical tool of claim 1 wherein the adjacent pair of lines is part of the first plurality of sets of lines.

20 3. The optical tool of claim 1 wherein the adjacent pair of lines is part of the second plurality of sets of lines.

25 4. The optical tool of claim 2 and further comprising first and second regions of the tool body in side-by-side relation between an additional adjacent pair of lines, the first regions providing transmission of light therethrough at the first phase, the second regions being providing transmission of light therethrough at the second phase.

30 5. The optical tool of claim 4 wherein the second outline is positioned within the first outline.

6. An optical tool comprising:
a tool body which is transparent to light;
first, second, third and fourth sets of pluralities of opaque lines on the body forming a
first outline;
5 fifth, sixth, seventh and eighth sets of pluralities of opaque lines on the body forming a
second outline;
the lines of each set being substantially parallel;
relative movement between images formed by the first and second outlines on an object
being provided upon relative movement between the object and a lens through which images are
10 formed upon the object;
further comprising first and second regions of the tool body in side-by-side relation
between each adjacent pair of lines, the first region providing transmission of light therethrough
at a first phase, the second region providing transmission of light therethrough at a second phase
different from the first phase.

15 7. The optical tool of claim 6 wherein the first and third sets of pluralities of lines are
substantially parallel, and the second and fourth sets of pluralities of lines are substantially
parallel, the fifth and seventh sets of pluralities of lines are substantially parallel, and the sixth
and eighth sets of pluralities of lines are substantially parallel.

20 8. The optical tool of claim 7 wherein the first, third, fifth and seventh sets of pluralities of
lines are substantially parallel, and the second, fourth, sixth and eighth pluralities of lines are
substantially parallel.

25 9. The optical tool of claim 8 wherein the positions of the first and second regions
between each adjacent pair of lines of the first set thereof correspond to the positions of the first
and second regions between each adjacent pair of lines of the third set thereof, and wherein the
positions of the first and second regions between each adjacent pair of lines of the second set
thereof correspond to the positions of the first and second regions between each adjacent pair of
30 lines of the fourth set thereof.

10. The optical tool of claim 9 wherein the positions of the first and second regions between adjacent pairs of lines of the fifth set thereof correspond to the positions of the first and second regions between each adjacent pair of lines of the seventh set thereof, and wherein the positions of the first and second regions between each adjacent pair of lines of the sixth set
5 thereof correspond to the positions of the first and second regions between each adjacent pair of lines of the eighth set thereof.

11. The optical tool of claim 8 wherein the positions of the first and second regions between adjacent pairs of lines of the fifth set thereof correspond to the positions of the first and
10 second regions between each adjacent pair of lines of the seventh set thereof, and wherein the positions of the first and second regions between each adjacent pair of lines of the sixth set thereof correspond to the positions of the first and second regions between each adjacent pair of lines of the seventh set thereof.

15 12. The optical tool of claim 10 wherein the second outline is positioned within the first outline.

13. The optical tool of claim 10 wherein the positions of the first and second regions between adjacent pairs of lines of the first set thereof are correspondingly opposite to the
20 positions of the first and second regions between adjacent pairs of lines of the fifth set thereof, the positions of the first and second regions between the adjacent pairs of lines of the second set thereof are correspondingly opposite to the positions of the first and second regions between adjacent pairs of lines of the sixth set thereof, the positions of the first and second regions between adjacent pairs of lines of the third set thereof are correspondingly opposite to the
25 positions of the first and second regions between adjacent pairs of lines of the seventh set thereof, and the positions of the first and second regions between adjacent pairs of lines of the fourth set thereof are correspondingly opposite to the positions of the first and second regions between adjacent pairs of lines of the eighth set thereof.

30 14. The optical tool of claim 13 wherein the first outline is substantially square in configuration.

15. The optical tool of claim 14 wherein the second outline is substantially square in configuration, and is positioned within the first outline.